



# HF Happenings 533

November 2012

South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925  
[www.sarl.org.za](http://www.sarl.org.za); [www.iaru.org](http://www.iaru.org); [www.iaru-r1.org](http://www.iaru-r1.org)

## The SARL Digital Contest

The aim is to establish as many contacts as possible between radio amateurs in Southern Africa using the PSK31 / RTTY mode. The contest is open to all radio amateurs in Southern Africa (General Rule 1.b).

The last contest of 2012 takes place from 13:00 UTC to 16:00 UTC [15:00 to 18:00 CAT] on Sunday 2 December with PSK31 and RTTY activity on 80 metres [3 580 to 3 600 kHz], 40 metres [7 040 to 7 060 kHz] and 20 metres [14 070 to 14 099 kHz]. PSK31 is preferred at the lower end of the specified frequencies. RTTY is preferred at the upper end of the specified frequencies. Please note that USB must be used at all times. Refer to General Rule 16.

A station may be contacted twice on each band, once on RTTY, once on PSK31. The exchange is a signal report plus a sequential serial number starting at 001.

Contacts with stations listed in General Rules 1.b are worth 3 points and contacts with stations **NOT** listed in General Rules 1.b are worth 1 point. The first contact with each area listed below will be used as a band multiplier.

Area 1: ZS1; Area 2: ZS2; Area 3: ZS3; Area 4: ZS4; Area 5: ZS5; Area 6: ZS6; Area 7: 3DA, 7P, 7Q, 9J, C9, A2, D2, V5, Z2, ZD7, ZD9, ZS7, ZS8, FR, 3B8, 5R, FH and D6; Area 8: Stations in the rest of the world.

The scoring is Band total = QSO points x number of call areas worked per band. The final score = sum of the band totals. Logs shall be submitted within 7 days after the contest and can be sent by mail to the West Rand Amateur Radio Club, PO Box 5344, Weltevredenpark, 1725 or by e-mail to [contest@sarl.org.za](mailto:contest@sarl.org.za)

## All Radio Amateurs will have to reapply for their Licenses

At the ICASA/SARL Liaison committee meeting held this week, ICASA informed the SARL that following a qualified audit by the Auditor General, ICASA has been instructed to implement regulation 15 of the Radio Frequency Spectrum Regulations which stipulate that an amateur radio license can only be renewed for up to five years after which a new application has to be submitted. All Radio Amateurs will be required to re-apply for a license for the period of 1 April 2013 until 31 March 2018. Payment of the annual license fee can be made annually or for the full 5-year period in which case a discounted rate applies.

Details are expected to be gazetted in the next few weeks. Do nothing right now. SARL News will keep you informed and the requirements, procedure and the necessary forms will be made available on [www.sarl.org.za](http://www.sarl.org.za) after the publication of the Government Gazette.

Stay tuned to SARL News or visit the web site frequently. New information will be published as soon as it comes to hand.





## *Five MHz Pilot Frequencies for Propagation Studies*

The process was taken a step further at this week's liaison meeting. Hans van de Groenendaal, ZS6AKV, is working with the ICASA person in charge of spectrum to identify at least two channels for propagation and sharing studies. ICASA gave an undertaking to speed up the process and has given end January 2013 as the date when they expect the process to be finalised.

Radio amateurs and short-wave listeners can assist by monitoring the segment 5 250 - 5 450 kHz. Stations currently licensed in this section of the band are 5 kHz apart. Details of the proposed research project can be found at [www.sarl.org.za](http://www.sarl.org.za), select Amateur Radio today.

## *African DX*

Lesotho, 7P8. Donovan, ZS2DL and the group of international operators arrived in Lesotho on 21 November and they will leave on 4 December. The operation started on Friday 23 November and they will be active until 3 December, using the call sign 7P8D. Activity is on 160 - 10 metres using CW, SSB and RTTY with a minimum of three stations on the air 24/7. QSL via ZS2DL - please mark your QSL card clearly

Angola, D2. Mike, UA1QV, is now active as D3AA from Vila de Catoca, about 30 km from Saurimo, the capital of the Province Lunda Sul, Angola, until he leaves on 15 February for another vacation. Look for him to be in the CQ WW DX CW Contest as a Single-Op/All-Band entry. QSL via UA1QV.

Mauritania, 5T. A group of Polish radio amateurs with the special participation of Jean 5TOJL have been active as 5TOSP since 24 November and will operate until 10 December from Mauritania, grid locator IK28ac. Operation on all HF bands from 160 - 10 m using CW, SSB and RTTY. Visit their web site at [www.5tosp.dxing.pl/](http://www.5tosp.dxing.pl/). The QSL route will be found there.

Sudan, ST. "The Daily DX" reports that Mario, CT1FTR, has moved to the Sudan and has recently obtained his ST2FT license. He is using a FT-857 that is set up for SSB and PSK31 on the HF bands. QSL via CT2GBU direct and eQSL. NOTE: QSLs cannot go through the REP QSL Bureau as neither CT1FTR nor his QSL Manager are members of REP.

Burkina Faso, XT. A team of Japanese operators will be active from Burkina Faso between 22 February and 2 March 2013. Activity will be on 80 - 10 metres using CW, SSB and the Digital modes. Look for the following operators (their XT call sign) - Yukinori, JA3VWT (XT2VWT), Jusei, JA3IVU (XT2IVU), Junichi, JH3AEF (XT2AEF) and Kunio, JA1CJA (XT2CJA). QSL via their home call signs.

### *November*

24 and 25 - CQ WW DX Phone Contest

28 - SARL 80 m Club Contest, CW

### *December*

1 - World Aids Day

2 - SARL Digital Contest

2 Dec to 6 Jan - Garden of Lights, the garden of Vespasian, Peermont D'oreale Grande Hotel

3 - International Day of Persons with Disabilities

7 - Schools close

8 and 9 - ARRL 10 metre Contest

16 - Day of Reconciliation

17 - Public Holiday

17 to 22 - Blaauklippen Family Christmas Market, Stellenbosch

25 - Christmas Day

26 - Day of Goodwill

29 to 31 - Vic Falls Carnival 2012, Victoria Falls, Zimbabwe

31 - New Year's Festival of Lights, Nieu-Bethesda





Burkina Faso, XT. On Tuesday, members of the "Italian DXpedition Team" announced that their next DXpedition would be to Burkina Faso between February and March 2013 (dates are approximately.) This will be a 15-day operation on all bands and all modes. The pilot station is IK7JWY, and the pilot station for 6m band is IKOFTA. Software Management (real-time log online) will be by IH9GPI. The official Web site is <http://www.i2ysb.com/idt>, the official forum is <http://www.hamradioweb.org>. Look for more details to be forthcoming.

## *African Islands*

Mauritius, 3B8. Jacques, F1BCS will be active as 3B8/F1BCS from Mauritius Island (AF-049) from 27 November to 14 December. He will operate SSB, RTTY and PSK mainly on 20 and 15 metres.

## *Special Event Stations*

France, TM1. Look for special event station TM1TARA to be on air between 8 and 10 December. Activity is to commemorate the scientific campaigns of French polar boat "TARA." François, F8DVD, and Sebastien, F8IJV, in Paris during the Tara exhibit, will conduct operations. Look for them on 20 - 10 meters SSB. A special colour QSL card will be printed and will be sent via the Bureau or direct (SAE with 1 IRC or 2 USD) via the QSL Manager F8DVD.

The Tara Expeditions has been organizing missions aboard the research schooner Tara for the past 9 years. The goal was to learn more about the impact of climate change on ecosystems. Tara has accomplished 8 successful expeditions - to Greenland, Antarctica, Patagonia, southern Georgia, the Arctic and all over the world with the latest expedition Tara Oceans. After stopovers in Europe this winter, the schooner will leave for a new mission in 2013 for the great North. Tara will attempt to go through the Arctic Ocean by the northwest and northeast passages, if the ice pack permits this. This will also be the occasion to add new research programs specific to the region concerning plastic particles and traces of pollution. For more information, see QRZ.com or contact F8DVD at [a.pole@laposte.net](mailto:a.pole@laposte.net)

## *Other DX*

Campbell Island, ZL9. Announced frequencies for the ZL9HR expedition to Campbell Island, 28 November to 9 December, are CW 1 825, 3 528, 7 030, 10 125, 14 035, 18 080, 21 035, 24 905, 28 035 and 50 107; SSB 1 840, 3 793, 7 185, 14 200, 18 145, 21 295, 24 965, 28 495 and 50145; RTTY 3 630, 7 035, 10 145, 14 090, 18 105, 21 090, 24 925 and 28 090.

The team (9M6XRO, HA5AO, K3EL, K5GS, KE4KY, VE7DS, VK2IR, VK3YP, W2LK and ZL3CW) is scheduled to leave on their 40-hour voyage around 12 (local time) on 26 November. They must comply with the conditions of the landing permit issued by the New Zealand Department of Conservation. No antennas are allowed in or near the water, and the team will have to shuttle back and forth from the island as no overnight stays are allowed (unless the weather prevents return to the boat). Information about antenna placement and propagation can be found at [www.campbell2012.com](http://www.campbell2012.com) (click on the "Plans" tab). During the DXpedition, daily traffic with the team will be handled by the designated Pilot stations (listed on the "Team" page). Plans are to upload logs by satellite phone from the island to Club Log. You will be able to request your QSLs one of four ways: OQRS Direct, OQRS Bureau, via EB7DX direct or bureau. Logs will be uploaded to LoTW "shortly after the DXpedition."





## Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 26 November to 3 December 2012.

### SKCC Sprint

00:00 - 02:00 UTC 28 November

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Exchange: RST, name, state, province or country and SKCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO; Bonus Points: 5 points per Centurion member QSO per band; 10 points per Tribune member QSO per band; 25 points per QSO with SKCC club call (K9SKC) per band

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) + bonus points

Submit logs by: 23:59 UTC 30 November 2012

E-mail log summary to: (none)

Post log summary at: <http://www.skccgroup.com/sprint/sks/sks-submit.html>

Mail logs to: (none)

Find rules at: <http://www.skccgroup.com/sprint/sks/>

### QRP Fox Hunt

02:00 - 03:30 UTC 28 November

Mode: CW

Bands: 40 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 29 November 2012

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

### CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 28 November and 03:00 - 04:00 UTC 29 November

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name, state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 1 December 2012





Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/onair.html>

#### QRP ARCI Topband Sprint

00:00 - 06:00 UTC 29 November

Mode: CW, SSB

Bands: 160 m Only

Classes: CW Only; SSB Only; Mixed

Max operating hours: 6 hours

Exchange: ARCI: RST, state, province or country and ARCI no; non-ARCI: RST, state, province or country and power out

Work stations: Once regardless of mode

QSO Points: ARCI Member: 5 points; Non-Member Different Continent: 4 points; Non-Member Same Continent: 2 points

Multipliers: States, once regardless of mode; VE Provinces, once regardless of mode; Countries, once regardless of mode

CW Power Mult:  $\times 1 >5 \text{ W}$ ,  $\times 7 1 - 5 \text{ W}$ ,  $\times 10 250 \text{ mW} - 1 \text{ W}$ ,  $\times 15 55 - 250 \text{ mW}$ ,  $\times 20 <55 \text{ mW}$ ;

SSB Power Mult:  $\times 1 >10 \text{ W}$ ,  $\times 7 2 - 10 \text{ W}$ ,  $\times 10 500 \text{ mW} - 2 \text{ W}$ ,  $\times 15 100 - 500 \text{ mW}$ ,  $\times 20 <55 \text{ mW}$ ; Mixed Power Mult: smaller of CW or SSB power multiplier

Score Calculation: Total score = total QSO points  $\times$  (state mults + province mults + country mults)  $\times$  power mult

Submit logs by: 13 December 2012

E-mail logs to: [contest@qrparci.org](mailto:contest@qrparci.org)

Mail logs to: ARCI Top Band Sprint, c/o Brian Campbell, VE3MGY, PO Box 135, 46485 Sparta Line, Sparta, Ontario N0L 2H0, Canada

Find rules at: <http://www.qrparci.org/content/view/8400/118/>

#### RSGB 80m Club Sprint, CW

20:00 - 21:00 UTC 29 November

Mode: CW

Bands: 80 m Only

Classes: 100 W; 10 W

Exchange: other station's call, your call, serial no and your name

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 6 December 2012

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2011/rsprint.shtml>

#### QRP Fox Hunt

02:00 UTC-03:30 UTC 30 November

Mode: CW

Bands: 80 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO







Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 1 December 2012

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.grpfoxhunt.org/winter\\_rules.htm](http://www.grpfoxhunt.org/winter_rules.htm)

NCCC Sprint

02:30 - 03:00 UTC 30 November

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 2 December 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

ARRL 160-Metre Contest

22:00 UTC 30 November to 16:00 UTC 2 December

Mode: CW

Bands: 160 m Only

Classes: Single Op - QRP, low or high; Multi-Single

Max operating hours: 42 hours

Max power: HP: 1 500 watts; LP: 150 watts; QRP: 5 watts

Exchange: W/VE: RST and ARRL/RAC Section; DX: RST

QSO Points: 2 points per QSO with ARRL/RAC Section; W/VE Station: 5 points per DX QSO

Multipliers: Each ARRL/RAC Sections; Each DXCC Country (W/VE only)

Score Calculation: Total score = total QSO points x (total section mults and total country mults)

Submit logs by: 16:00 UTC 1 January 2013

E-mail logs to: [160meter@arrl.org](mailto:160meter@arrl.org)

Mail logs to: 160 Meter Contest, ARRL, 225 Main St., Newington, CT 06111, USA

Find rules at: <http://www.arrl.org/160-meter>

TARA RTTY Melee

00:00 - 24:00 UTC 1 December

Mode: RTTY

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - low or high; Multi-Op - low or high; SWL

Max operating hours: 16 hours, off time in no more than 2 blocks

Max power: HP: 1 500 watts; LP: 150 watts

Exchange: W/VE: RST and state or province; DX: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each state once only; Each VE province/territory once only; Each DXCC country once only

Score Calculation: Total score = total QSO points x (total state mults and total province mults and total country mults)





Submit logs by: 31 December 2012

E-mail logs to: (none)

Post log summary at: [http://www.n2ty.org/seasons/tara\\_melee\\_score.html](http://www.n2ty.org/seasons/tara_melee_score.html)

Mail logs to: (none)

Find rules at: [http://www.n2ty.org/seasons/tara\\_melee\\_rules.html](http://www.n2ty.org/seasons/tara_melee_rules.html)

Wake-Up! QRP Sprint

06:00 - 06:29 UTC, 06:30 - 06:59 UTC, 07:00 - 07:29 UTC and 07:30 - 08:00 UTC 1 December

Mode: CW

Bands: 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, serial no and suffix of previous QSO ("QRP" for 1st QSO)

Work stations: Once per band per period

QSO Points: 1 point per km

Multipliers: 1 point per new station worked on each band

Score Calculation: Total score = total QSO points x total multiplier points

Submit logs by: 8 December 2012

E-mail logs to: [ru-grp-club@mail.ru](mailto:ru-grp-club@mail.ru)

Mail logs to: (none)

Find rules at: <http://grp.ru/contest/wakeup/333-wakeup-eng>

TOPS Activity Contest

16:00 UTC 1 December to 15:59 UTC 2 December

Mode: CW

Bands: 80, 40, 20, 15, 10m

Classes: Single Op Multi-Band - QRP, low or high; Single Op Single Band; Multi-Single

Max power: High: >100 watts; Low: 100 watts; QRP: 5 watts

Exchange: TOPS/PRO-CW Members: RST, serial no and Club Abbreviation; non-Members: RST and serial no

Work stations: Once per band

QSO Points: QSO with own country: 1 point; QSO with own continent or other continents: 2 points; QSO with TOPS/PRO-CW member: 2 bonus points; QSO between TOPS/PRO-CW members: 6 bonus points

Multipliers: Each prefix once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 December 2012

E-mail logs to: [yo2rr@clicknet.ro](mailto:yo2rr@clicknet.ro)

Mail logs to: (none)

Find rules at:

<http://www.procwclub.yo6ex.ro/TOP%20OF%20OPERATORS%20ACTIVITY%20CONTEST.pdf>

AWA Bruce Kelley Memorial CW Contest: 23:00 UTC 1 December to 23:00 UTC 2 December and 23:00 UTC 8 December to 23:00 UTC 9 December

Mode: CW

Bands: 160, 80, 40 m

Classes: (none)

Exchange: RST, Name, QTH, Eqpt Year and Transmitter Type (see rules for format)

QSO Points: (see rules)

Multipliers: (see rules)





Score Calculation: Total score = total QSO points

Submit logs by: 6 January 2013

E-mail logs to: [wa9wfa@comcast.net](mailto:wa9wfa@comcast.net)

Mail logs to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110, USA

Find rules at: [http://www.antiquewireless.org/pdf/AWA\\_2012-2013\\_Event\\_Schedule.pdf](http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf)

#### Ten-Metre RTTY Contest

00:00 - 24:00 UTC 2 December

Mode: RTTY

Bands: 10 m Only

Classes: Single Op; Multi-Op

Max power: 100 watts

Exchange: W: RST and state; VE: RST and province/territory; non-W/VE: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each US state (excluding KH6/KL7) and DC once; Each VE province/territory once;

Each DXCC country (excluding W/VE)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 15 December 2012

E-mail logs to: [ten-rtty@kkn.net](mailto:ten-rtty@kkn.net)

Mail logs to: (none)

Find rules at: <http://www.rttycontesting.com/tenmeterrttycontest/rules.html>

#### SARL Digital Contest

13:00 - 16:00 UTC 2 December

Mode: PSK, RTTY

Bands: 80, 40, 20 m

Classes: (none)

Exchange: RST and QSO no

Work stations: Once per mode per band

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 9 December 2012

E-mail logs to: [contest@sarl.org.za](mailto:contest@sarl.org.za)

Mail logs to: West Rand Amateur Radio Club, PO Box 5344, Weltevredenpark 1725, South Africa

Find rules at:

[http://www.sarl.org.za/public/contests/SARL\\_2012\\_Contest\\_Manual\\_issue\\_10.pdf](http://www.sarl.org.za/public/contests/SARL_2012_Contest_Manual_issue_10.pdf)

### *Next Week's Contests*

AWA Bruce Kelley Memorial CW Contest, 23:00 UTC 1 December to 23:00 UTC 2 December and 23:00 UTC 8 December to 23:00 UTC 9 December

ARS Spartan Sprint, 02:00 - 04:00 UTC 4 December

QRP Fox Hunt, 02:00 - 03:30 UTC 5 December

QRP Fox Hunt, 02:00 - 03:30 UTC 7 December

NCCC Sprint, 02:30 - 03:00 UTC 7 December

ARRL 10-Meter Contest, 00:00 UTC 8 December to 24:00 UTC 9 December

International Naval Contest, 16:00 UTC 8 December to 15:59 UTC 9 December







SKCC Weekend Sprintathon, 00:00 - 23:59 UTC 9 December  
CQC Great Colorado Snowshoe Run, 21:00 - 22:59 UTC 9 December

## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 26 November 2012.

1621 - Galileo perfects the telescope

1783 - Charles & M N Roberts ascend 609 metres in a hydrogen balloon in Paris

1877 - Thomas Edison demonstrates the hand-cranked phonograph

1886 - The first commercially successful AC electric power plant opens in Buffalo, New York state

1895 - America's first auto race starts with six cars on an 88 km route; the winner averages 11 km/h

1942 - The First controlled nuclear chain reaction - Enrico Fermi at the University of Chicago

1996 - NASA's first Mars rover is launched from Cape Canaveral.

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC

*Crayfish for Christmas on low budget*

